

Response to Office Action for  
U.S. Patent Application Serial No. 08/468,610  
Page 2

At page 40, line 7, after "dioxane" insert --including--.

At page 42, line 27, after "succinyl-ala-ala-pro-phe-pNA" insert  
--(SEQ ID NO:1)--.

After page 52 and before page 53, insert the enclosed SEQUENCE LISTING.  
and renumber the subsequent pages accordingly.

In the Claims:

Please amend Claims 1 and 16 as follows:

1. (amended) A resin-protein/peptide complex which comprises a resin and a target protein or peptide bound thereto wherein said resin comprises  
a) a solid support matrix; and  
b) selected ionizable ligand covalently attached to the matrix  
wherein the ionizable ligand is selected such that the resin is electrostatically uncharged at the pH where the target protein or peptide is bound to the resin wherein the protein or peptide is bound to the resin at a pH of 5 or more and is electrostatically charged at the pH where the target protein or peptide is desorbed from the resin wherein desorption occurs by a change in the pH from the binding pH and further wherein about 50 percent or more of the target protein or peptide in an aqueous medium binds to the resin when the aqueous medium has either a high or low ionic strength.

16. (amended) A resin-protein/peptide complex which comprises a resin and a target protein or peptide bound thereto wherein said resin comprises  
a) a solid support matrix having a selected ionizable functionality incorporated into the backbone thereof wherein the ionizable functionality is selected such that the resin is electrostatically uncharged at the pH where the target protein or peptide is bound to the resin wherein the protein or peptide is bound to the resin at a pH of 5 or more and is electrostatically charged at the pH where the target protein or peptide is desorbed from the resin wherein desorption occurs by a change in the pH from the binding pH; and